

| Ref # | Hits | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------|------------------|---------|------------------|
| S1    | 1    | "6032184".pn.   | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 11:33 |
| S2    | 1414 | automatic\$5 near2 diagnos\$3   | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:18 |
| S3    | 77   | "709"/\$3.ccls. and automatic\$5 near2 diagnos\$3                               | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:18 |
| S4    | 77   | "709"/\$3.ccls. and (automatic\$5 near2 diagnos\$3)                             | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:18 |
| S5    | 0    | "709"/\$3.ccls. and (automatic\$5 near2 diagnos\$3)near2 base\$1 with ticket\$1 | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:19 |
| S6    | 1    | "709"/\$3.ccls. and (automatic\$5 near2 diagnos\$3)with ticket\$1               | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:20 |
| S7    | 3    | (automatic\$5 near2 (maintanc\$3 or diagnos\$3))with ticket\$1                  | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:21 |
| S8    | 1414 | (automatic\$5 near2 (maintanc\$3 or diagnos\$3))                                | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:22 |
| S9    | 13   | (ticket\$1 near2 (maintanc\$3 or diagnos\$3))                                   | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:25 |
| S10   | 203  | (customer\$1 near2 (maintanc\$3 or diagnos\$3))                                 | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:25 |
| S11   | 10   | (customer\$1 near2 (maintanc\$3 or diagnos\$3))with automati\$6                 | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:29 |
| S12   | 4590 | (maintanc\$3 or diagnos\$3)with automati\$6                                     | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:29 |
| S13   | 7    | (maintanc\$3 or diagnos\$3)with automati\$6 with ticket\$1                      | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:30 |
| S14   | 93   | (maintanc\$3 or diagnos\$3)with automati\$6.ti.                                 | US-PGPUB; USPAT | OR               | OFF     | 2003/10/09 10:30 |
| S15   | 75   | (maintanc\$3 or diagnos\$3)with automati\$6.ti.                                 | USPAT           | OR               | OFF     | 2003/10/09 10:44 |
| S16   | 1    | (maintanc\$3 or diagnos\$3)with automati\$6 near5 ticket\$1                     | USPAT           | OR               | OFF     | 2003/10/09 10:44 |
| S17   | 10   | customer\$1 near3 (maintanc\$3 or diagnos\$3)with automati\$6                   | USPAT           | OR               | OFF     | 2003/10/09 10:49 |
| S18   | 62   | customer\$1 near3 support\$3 with automati\$6                                   | USPAT           | OR               | OFF     | 2003/10/09 11:19 |
| S19   | 5    | "5928369".URPN.   | USPAT           | OR               | OFF     | 2003/10/09 11:09 |
| S20   | 1186 | ticket\$1 with automati\$6  | USPAT           | OR               | OFF     | 2003/10/09 11:21 |
| S21   | 0    | ticket\$1 with automati\$6 near5 maintanc\$3                                    | USPAT           | OR               | OFF     | 2003/10/09 11:20 |
| S22   | 1    | ticket\$1 with automati\$6 near5 diagnos\$3                                     | USPAT           | OR               | OFF     | 2003/10/09 11:20 |

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| S23 | 3549 | automati\$6 with diagnos\$3   | USPAT              | OR | OFF | 2003/10/09 11:21 |
| S24 | 4    | automati\$6 with diagnos\$3 near5<br>ticket\$1  | USPAT              | OR | OFF | 2003/10/09 11:22 |
| S25 | 0    | automati\$6 with diagnos\$3 near5<br>customeer\$1   | USPAT              | OR | OFF | 2003/10/09 11:22 |
| S26 | 13   | automati\$6 with diagnos\$3 near5<br>customer\$1  | USPAT              | OR | OFF | 2003/10/09 11:22 |
| S27 | 1    | "6032184".pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/09 11:33 |
| S28 | 34   | "6032184".URPN.   | USPAT              | OR | OFF | 2003/10/09 11:45 |
| S29 | 9    | "6032184.URPN.and" software<br>with (ticket\$1 or form\$1 or<br>request\$1)                             | USPAT              | OR | OFF | 2003/10/09 11:49 |
| S30 | 0    | "6032184.URPN.and" (automat\$6<br>near2 software\$1) with (ticket\$1<br>or form\$1 or request\$1)       | USPAT              | OR | OFF | 2003/10/09 11:46 |
| S31 | 2    | automat\$6 near2 software near3<br>(trigger\$3 or base\$3) with<br>(ticket\$1 or form\$1 or request\$1) | USPAT              | OR | OFF | 2003/10/09 15:51 |
| S32 | 0    | automat\$6 near2 software near3<br>(trigger\$3 or base\$3) with event\$1                                | USPAT              | OR | OFF | 2003/10/09 15:52 |
| S33 | 1    | automat\$6 near2 software near3<br>respons\$3 with event\$1   | USPAT              | OR | OFF | 2003/10/09 15:52 |
| S34 | 2    | "6035343".URPN.   | USPAT              | OR | OFF | 2003/10/09 15:56 |
| S35 | 4    | ("4068298"   "5530868"  <br>"5668978"   "5710926").PN.  | USPAT              | OR | OFF | 2003/10/09 15:57 |
| S36 | 335  | customer\$1 near ticket\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/10 11:27 |
| S37 | 0    | customer\$1 near ticket\$1 near3<br>(maintanc\$3 or diagnos\$3) near2<br>software\$1                    | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/10 11:28 |
| S38 | 0    | customer\$1 near ticket\$1 near3<br>(maintanc\$3 or diagnos\$3)   | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/10 11:28 |
| S39 | 0    | customer\$1 near ticket\$1 with<br>(maintanc\$3 or diagnos\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/10 11:29 |
| S40 | 1    | customer\$1 near ticket\$1 with<br>(trigger\$3 or start\$3)   | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/10 11:29 |
| S41 | 0    | customer\$1 near maintanc\$3  | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/10 11:30 |
| S42 | 0    | customer\$1 near2 maintanc\$3   | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/10 11:30 |
| S43 | 0    | customer\$1 near3 maintanc\$3   | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/10 11:30 |
| S44 | 2644 | customer\$1 near2 support\$3  | US-PGPUB;<br>USPAT | OR | OFF | 2003/10/10 11:31 |

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| S45 | 134  | automat\$5 with customer\$1 near2 support\$3  | US-PGPUB; USPAT | OR | OFF | 2003/10/10 11:31 |
| S46 | 0    | (automat\$5 with customer\$1 near2 support\$3)near3 ticket\$1   | US-PGPUB; USPAT | OR | OFF | 2003/10/10 11:31 |
| S47 | 0    | (automat\$5 with customer\$1 near2 support\$3)near5 ticket\$1   | US-PGPUB; USPAT | OR | OFF | 2003/10/10 11:32 |
| S48 | 1    | (automat\$5 with customer\$1 near2 support\$3)same ticket\$1  | US-PGPUB; USPAT | OR | OFF | 2003/10/10 12:46 |
| S49 | 13   | software\$1 near2 (bas\$3 or trigger\$3) with ticket\$1   | US-PGPUB; USPAT | OR | OFF | 2003/10/10 12:48 |
| S50 | 8    | software\$1 near2 (bas\$3 or trigger\$3) with ticket\$1 and automat\$6  | US-PGPUB; USPAT | OR | OFF | 2003/10/10 13:05 |
| S51 | 13   | software\$1 near2 (bas\$3 or trigger\$3) with ticket\$1   | US-PGPUB; USPAT | OR | OFF | 2003/10/10 13:05 |
| S52 | 1    | software\$1 near2 (bas\$3 or trigger\$3) with (trouble near ticket\$1)  | US-PGPUB; USPAT | OR | OFF | 2003/10/10 13:05 |
| S53 | 0    | program\$1 near2 (bas\$3 or trigger\$3) with (trouble near ticket\$1)   | US-PGPUB; USPAT | OR | OFF | 2003/10/10 13:06 |
| S54 | 6    | (trouble near ticket\$1) near2 trigger\$3   | US-PGPUB; USPAT | OR | OFF | 2003/10/10 13:07 |
| S55 | 12   | (trouble near ticket\$1) with trigger\$3  | US-PGPUB; USPAT | OR | OFF | 2003/10/10 13:07 |
| S56 | 1    | "6445774".pn.   | US-PGPUB; USPAT | OR | OFF | 2003/10/14 12:47 |
| S57 | 0    | "6445774".URPN.   | USPAT           | OR | OFF | 2003/10/14 12:47 |
| S58 | 10   | ("4972453"   "5473596"   "5687212"   "5699403"   "5761502"   "5790633"   "5802144"   "5852403"   "5852649"   "5946373").PN. | USPAT           | OR | OFF | 2003/10/14 12:48 |
| S59 | 33   | "5473596".URPN.   | USPAT           | OR | OFF | 2003/10/14 12:52 |
| S60 | 0    | (maintanc\$3 or diagnos\$3)and "6445774".pn.  | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:46 |
| S61 | 0    | "6445774.pn.and" (maintanc\$3 or diagnos\$3)  | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:47 |
| S62 | 0    | "6445774.pn.and" ( diagnos\$3)  | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:47 |
| S63 | 0    | "6445774.pn.and" ( diagnos\$3)  | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:55 |
| S64 | 4683 | automatic\$5 near15 (diagnos\$3)  | US-PGPUB; USPAT | OR | OFF | 2004/11/01 17:48 |
| S65 | 368  | automatic\$5 near15 (diagnos\$3).ab.  | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:56 |

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| S66 | 34  | automatic\$5 near15<br>(diagnos\$3)same network.ab.   | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:49 |
| S67 | 3   | automatic\$5 near15<br>(diagnos\$3)same network same<br>(form\$1 or ticket\$1 or report\$1 or<br>alarm\$1).ab.  | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 16:59 |
| S68 | 33  | automatic\$5 near15<br>(diagnos\$3)same "network.ab.<br>and" (form\$1 or ticket\$1 or<br>report\$1 or alarm\$1)   | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:42 |
| S69 | 33  | automatic\$5 near15<br>(diagnos\$3)same "network.ab.<br>and" (record\$1 or form\$1 or<br>ticket\$1 or report\$1 or alarm\$1)  | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:43 |
| S70 | 38  | automatic\$5 near15<br>(diagnos\$3)same (record\$1 or<br>form\$1 or ticket\$1 or report\$1 or<br>alarm\$1).ab.  | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:43 |
| S71 | 35  | automatic\$5 near15<br>(diagnos\$3)same (record\$1 or<br>form\$1 or ticket\$1 or report\$1 or<br>alarm\$1).ab. not (automatic\$5<br>near15 (diagnos\$3)same<br>"network.ab.and" (form\$1 or<br>ticket\$1 or report\$1 or alarm\$1))   | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:49 |
| S72 | 408 | automatic\$5 near15<br>(diagnos\$3)same network   | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:49 |
| S73 | 111 | automatic\$5 near15<br>(diagnos\$3)same network same<br>(record\$1 or form\$1 or ticket\$1 or<br>report\$1 or alarm\$1)   | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:49 |
| S74 | 99  | automatic\$5 near15<br>(diagnos\$3)same network same<br>(record\$1 or form\$1 or ticket\$1 or<br>report\$1 or alarm\$1)not<br>((automatic\$5 near15<br>(diagnos\$3)same network.ab.) or<br>(automatic\$5 near15<br>(diagnos\$3)same "network.ab.<br>and" (form\$1 or ticket\$1 or<br>report\$1 or alarm\$1)) or<br>(automatic\$5 near15<br>(diagnos\$3)same (record\$1 or<br>form\$1 or ticket\$1 or report\$1 or<br>alarm\$1).ab. not (automatic\$5<br>near15 (diagnos\$3)same<br>"network.ab.and" (form\$1 or<br>ticket\$1 or report\$1 or alarm\$1)))) | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:55 |

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| S75 | 69  | automatic\$5 near15<br>(diagnos\$3)same network same<br>(record\$1 or form\$1 or ticket\$1 or<br>report\$1 or alarm\$1)near6<br>trigger\$3not ((automatic\$5 near15<br>(diagnos\$3)same network.ab.) or<br>(automatic\$5 near15<br>(diagnos\$3)same "network.ab.<br>and" (form\$1 or ticket\$1 or<br>report\$1 or alarm\$1)) or<br>(automatic\$5 near15<br>(diagnos\$3)same (record\$1 or<br>form\$1 or ticket\$1 or report\$1 or<br>alarm\$1).ab. not (automatic\$5<br>near15 (diagnos\$3)same<br>"network.ab.and" (form\$1 or<br>ticket\$1 or report\$1 or alarm\$1))))   | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:55 |
| S76 | 1   | automatic\$5 near15<br>(diagnos\$3)same network same<br>(record\$1 or form\$1 or ticket\$1 or<br>report\$1 or alarm\$1)near6<br>trigger\$3 not ((automatic\$5<br>near15 (diagnos\$3)same network.<br>ab.) or (automatic\$5 near15<br>(diagnos\$3)same "network.ab.<br>and" (form\$1 or ticket\$1 or<br>report\$1 or alarm\$1)) or<br>(automatic\$5 near15<br>(diagnos\$3)same (record\$1 or<br>form\$1 or ticket\$1 or report\$1 or<br>alarm\$1).ab. not (automatic\$5<br>near15 (diagnos\$3)same<br>"network.ab.and" (form\$1 or<br>ticket\$1 or report\$1 or alarm\$1)))) | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/01 17:55 |
| S77 | 141 | automati\$6 near15 diagnos\$3<br>same trigger\$3  | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/02 10:39 |
| S78 | 14  | automati\$6 near15 diagnos\$3<br>same ticket\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/02 10:41 |
| S79 | 3   | automati\$6 and diagnos\$3 same<br>trigger\$3 same ticket\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/02 10:42 |
| S80 | 121 | automati\$6 and diagnos\$3 same<br>trigger\$3 same report\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/02 10:42 |
| S81 | 0   | automati\$6 and diagnos\$3 same<br>trigger\$3 same report\$1.ab.  | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/02 10:42 |
| S82 | 98  | automati\$6 and diagnos\$3 same<br>trigger\$3 same report\$1 not<br>(automati\$6 near15 diagnos\$3<br>same trigger\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/02 10:43 |
| S83 | 0   | "5905715".pn. and (maintanc\$3 or<br>diagnos\$3)same automati\$6  | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/02 12:16 |
| S84 | 1   | "5905715".pn. and (maintanc\$3 or<br>diagnos\$3)and automati\$6   | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/02 12:30 |

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| S85  | 1      | "5905715".pn. and (maintanc\$3 or diagnos\$3)same trigger\$3                                 | US-PGPUB; USPAT | OR | OFF | 2004/11/02 12:36 |
| S86  | 1      | "5905715".pn. and management same trigger\$3   | US-PGPUB; USPAT | OR | OFF | 2004/11/02 12:57 |
| S87  | 285336 | "5905715".pn. and signal\$1 trigger\$3   | US-PGPUB; USPAT | OR | OFF | 2004/11/02 12:58 |
| S88  | 1      | "5905715".pn. and signal\$1 same trigger\$3  | US-PGPUB; USPAT | OR | OFF | 2004/11/02 12:58 |
| S89  | 656    | ((maintanc\$3 or diagnos\$3)near15 automati\$6).clm.   | US-PGPUB; USPAT | OR | OFF | 2005/04/27 17:56 |
| S90  | 248    | ((maintanc\$3 or diagnos\$3)near15 automatic).clm.   | US-PGPUB; USPAT | OR | OFF | 2005/04/27 17:56 |
| S91  | 0      | (ticket\$1 and((maintanc\$3 or diagnos\$3)near15 automatic)).clm.                            | US-PGPUB; USPAT | OR | OFF | 2005/04/27 17:57 |
| S92  | 4      | ticket\$1 and((maintanc\$3 or diagnos\$3)near15 automatic).clm.                              | US-PGPUB; USPAT | OR | OFF | 2005/04/27 18:01 |
| S93  | 0      | ticket\$1 same trigger\$3 same((maintanc\$3 or diagnos\$3)near15 automatic\$5)               | US-PGPUB; USPAT | OR | OFF | 2005/04/27 18:02 |
| S94  | 17     | ticket\$1 same((maintanc\$3 or diagnos\$3)near15 automatic\$5)                               | US-PGPUB; USPAT | OR | OFF | 2005/04/27 18:17 |
| S95  | 4      | ticket\$1 same trigger\$3 same diagnos\$3  | US-PGPUB; USPAT | OR | OFF | 2005/04/27 18:22 |
| S96  | 189    | ticket\$1 same diagnos\$3  | US-PGPUB; USPAT | OR | OFF | 2005/04/27 18:22 |
| S97  | 34     | ticket\$1 same automatic\$4 same diagnos\$3  | US-PGPUB; USPAT | OR | OFF | 2005/04/27 18:23 |
| S98  | 151    | automatic\$5 same (maintenanc\$4 or recover\$3)same ticket\$1                                | US-PGPUB; USPAT | OR | OFF | 2005/04/28 12:45 |
| S99  | 47     | automatic\$5 same (maintenanc\$4 or recover\$3)same diagnos\$3 near3 result\$1               | US-PGPUB; USPAT | OR | OFF | 2005/04/28 12:55 |
| S100 | 2      | automatic\$5 same (maintenanc\$4 or recover\$3)same diagnos\$3 near3 result\$1 and ticket\$1 | US-PGPUB; USPAT | OR | OFF | 2005/04/28 12:31 |
| S101 | 0      | ("6715103").URPN.  | USPAT           | OR | OFF | 2005/04/28 12:38 |
| S102 | 3      | automatic\$5 same (maintenanc\$4 or recover\$3)same ticket\$1.ab.                            | US-PGPUB; USPAT | OR | OFF | 2005/04/28 12:38 |
| S103 | 7      | automatic\$5 same (maintenanc\$4 or recover\$3)same ticket\$1.clm.                           | US-PGPUB; USPAT | OR | OFF | 2005/04/28 12:38 |
| S104 | 47     | automatic\$5 same (maintenanc\$4 or recover\$3)same diagnos\$3 near3 result\$1               | US-PGPUB; USPAT | OR | OFF | 2005/04/28 12:44 |

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| S10<br>5 | 1     | (maintenanc\$4 or recover\$3)same<br>diagnos\$3 near3 result\$1 same<br>ticket\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 12:45 |
| S10<br>6 | 481   | (maintenanc\$4 or recover\$3)same<br>diagnos\$3 near3 result\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 12:45 |
| S10<br>7 | 150   | automatic\$5 same (maintenanc\$4<br>or recover\$3)same ticket\$1 not<br>S99  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 12:46 |
| S10<br>8 | 4133  | automatic\$5 same (maintenanc\$4<br>or recover\$3)same result\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 12:55 |
| S10<br>9 | 95    | automatic\$5 same (maintenanc\$4<br>or recover\$3)same result\$1 and<br>ticket\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 12:55 |
| S11<br>0 | 83    | automatic\$5 same (maintenanc\$4<br>or recover\$3)same result\$1 and<br>ticket\$1 not (S98 S99)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 12:59 |
| S11<br>1 | 33972 | automatic\$5 same (maintenanc\$4<br>or recover\$3)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 12:59 |
| S11<br>2 | 784   | automatic\$5 same (maintenanc\$4<br>or recover\$3) and ticket\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 12:59 |
| S11<br>3 | 207   | automatic\$5 same (maintenanc\$4<br>or recover\$3) and ticket\$1 and<br>diagnos\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 12:59 |
| S11<br>4 | 50    | automatic\$5 same (maintenanc\$4<br>or recover\$3) and ticket\$1 and<br>diagnos\$4 near5 result\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 13:00 |
| S11<br>5 | 37    | automatic\$5 same (maintenanc\$4<br>or recover\$3) and ticket\$1 and<br>diagnos\$4 near5 result\$1 not (S98<br>S99)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 14:28 |
| S11<br>6 | 5     | notif\$7 near15 (user\$1 or<br>customer\$1) near15(fault\$1 or<br>problem\$1) near10 (fixed or<br>resolved or recover\$2) and clos\$3<br>near15 ticket\$1    | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 14:31 |
| S11<br>7 | 0     | automatic\$5 same notif\$7 near15<br>(user\$1 or customer\$1)<br>near15(fault\$1 or problem\$1)<br>near10 (fixed or resolved or<br>recover\$2) and ticket\$1 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 14:34 |
| S11<br>8 | 3     | automatic\$5 same notif\$7<br>near15(fault\$1 or problem\$1)<br>near10 (fixed or resolved or<br>recover\$2) and ticket\$1                                    | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:01 |
| S11<br>9 | 0     | automatic\$5 same notif\$7<br>near15(fault\$1 or problem\$1)<br>near10 (fixed or resolved or<br>recover\$2) and ticket\$1 same<br>clos\$3                    | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 14:34 |

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| S12<br>0 | 51380  | automatic\$5 same link\$3  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:01 |
| S12<br>1 | 9      | automatic\$5 same link\$3 near14<br>resolv\$3 near15 (problem\$1 or<br>fault\$1)                                 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:06 |
| S12<br>2 | 58     | automatic\$5 same track\$3 near15<br>ticket\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:08 |
| S12<br>3 | 9      | automatic\$5 same track\$3 same<br>trouble near2 ticket\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:10 |
| S12<br>4 | 30     | automatic\$5 same (clos\$3 or<br>clear\$3) same trouble near2<br>ticket\$1                                       | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:27 |
| S12<br>5 | 0      | automatic\$3 near15 (browser\$1 or<br>customser\$1 or user\$1) near15<br>resolv\$3 near15 web\$6                 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:29 |
| S12<br>6 | 0      | automatic\$3 near15 (browser\$1 or<br>customser\$1 or user\$1) near15<br>fault near15 web\$6                     | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:30 |
| S12<br>7 | 5      | automatic\$3 near15 redirect\$3<br>near15 (browser\$1 or<br>customser\$1 or user\$1) and<br>ticket\$1            | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:31 |
| S12<br>8 | 4      | automatic\$3 near15 link\$3 near15<br>(browser\$1 or customser\$1 or<br>user\$1) and ticket\$1 and<br>diagnos\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:32 |
| S12<br>9 | 268743 | automatic\$3 same (browser\$1 or<br>customser\$1 or user\$1) diagnos\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:33 |
| S13<br>0 | 827    | automatic\$3 same (browser\$1 or<br>customser\$1 or user\$1) same<br>diagnos\$4                                  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:33 |
| S13<br>1 | 7      | automatic\$3 same (browser\$1 or<br>customser\$1 or user\$1) same<br>diagnos\$4 same website\$1                  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:34 |
| S13<br>2 | 11     | automatic\$3 same diagnos\$4<br>same website\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:51 |
| S13<br>3 | 111    | diagnos\$4 same (customer or user<br>or client or broser) same<br>website\$1                                     | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:52 |
| S13<br>4 | 0      | (customer or user or client or<br>broser) same dagnos\$4 near4<br>website\$1                                     | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:52 |
| S13<br>5 | 26     | (customer or user or client or<br>broser) same diagnos\$4 near4<br>website\$1                                    | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:55 |
| S13<br>6 | 43     | (customer or user or client or<br>broser) same diagnos\$4 near15<br>website\$1                                   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:55 |

|          |     |   |                    |    |     |                  |
|----------|-----|---|--------------------|----|-----|------------------|
| S13<br>7 | 17  | (customer or user or client or broser) same diagnos\$4 near15 website\$1 not S135   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 15:55 |
| S13<br>8 | 201 | automati\$6 same (progress\$2 or status\$2) same ticket\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 12:26 |
| S13<br>9 | 57  | automati\$6 same (notif\$7 or report\$3) same(progress\$2 or status\$2) same ticket\$1                                    | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 12:32 |
| S14<br>0 | 8   | automati\$6 same (notif\$7 or report\$3) same(progress\$2 or status\$2) same ticket\$1 same customer\$1                   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 12:31 |
| S14<br>1 | 49  | automati\$6 same (notif\$7 or report\$3) same(progress\$2 or status\$2) same ticket\$1 not S140                           | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 12:52 |
| S14<br>2 | 193 | automati\$6 same (progress\$2 or status\$2) same ticket\$1 not S140   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 12:52 |
| S14<br>3 | 144 | automati\$6 same (progress\$2 or status\$2) same ticket\$1 not S139   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 12:55 |
| S14<br>4 | 18  | automati\$6 same (progress\$2 or status\$2) same ticket\$1 same customer\$1 not S139                                      | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 12:53 |
| S14<br>5 | 126 | automati\$6 same (progress\$2 or status\$2) same ticket\$1 not (S139 or S144)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 13:03 |
| S14<br>6 | 307 | automati\$6 same (notif\$8 or report\$3) same ticket\$1 not (S139 or S144)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 13:03 |
| S14<br>7 | 292 | automati\$6 same (notif\$8 or report\$3) same ticket\$1 not (S139 or S144)not S145  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/29 13:04 |
| S14<br>8 | 195 | automati\$6 same (display\$3 or notif\$8) same (progress\$2 or status\$2) near10 customer\$1                              | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/02 11:27 |
| S14<br>9 | 6   | automati\$6 same (display\$3 or notif\$8) same (progress\$2 or status\$2) same (ticket\$2 or fault\$1) near10 customer\$1 | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/02 11:28 |
| S15<br>0 | 90  | automati\$6 same (display\$3 or notif\$8) same (ticket\$2 or fault\$1) near10 customer\$1                                 | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/02 11:29 |
| S15<br>1 | 18  | automati\$6 same (display\$3 or notif\$8) same (ticket\$2 or fault\$1) near10 customer\$1 and trouble near ticket\$1      | US-PGPUB;<br>USPAT | OR | OFF | 2005/05/02 11:29 |

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A. Wahba, D. Borrione

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S. Iserhardt-Bauer, P. Hastreiter, T. Ertl, K. Eberhardt, B. Tomandl

October 2001 **Proceedings of the conference on Visualization '01**Full text available:  pdf(2.48 MB)  Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)  
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This case study presents a medical web service for the automatic analysis of CTA (Computer Tomography Angiography) datasets. It aims at the detection and evaluation of intracranial aneurysms which are malformations of cerebral blood vessels. To obtain a standardized 3D visualization digital videos are automatically generated. The time-consuming video production caused by the manual delineation of structures, software based volume rendering, and the interactive definition of an optimized camera p ...

**Keywords:** automatic web service, medical visualization, segmentation, video generation

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Salvador Mir, Bernard Courtois, Marcelo Lubaszewski, Vladimir Kolarik

March 1996 **Proceedings of the 1996 European conference on Design and Test**Full text available:  pdf(603.97 KB) Additional Information: [full citation](#), [abstract](#), [citations](#)  
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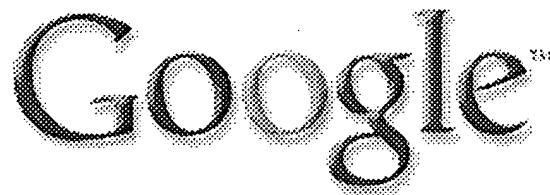
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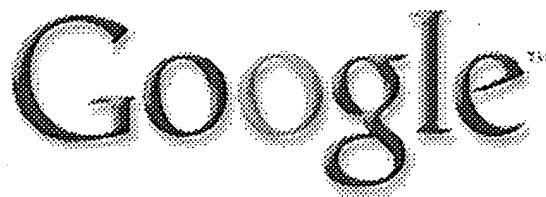
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